

B40 Antennas

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Invented for life



- ▶ Indoor use
- ▶ Outdoor use
- ▶ LTE, 2G/3G/4G, WiMAX applications

Auxiliary indoor/outdoor antennas (B40-MB25/B40-MB50 and B40-P) are available for use with the Bosch Conettix Plug-in Cellular Communicators (B44x). The B40-MB25/B40-MB50 is a mechanically robust antenna suitable for both indoor and outdoor applications with wide bandwidth, and a low angle radiation pattern. In many applications, the B40 Antennas are superior to traditional gain antennas. The B40-P is a low profile, multiband omnidirectional antenna providing excellent performance for mounting on metal surfaces.

Installation/configuration notes

Compatible modules

B440 Conettix Plug-in Cellular Communicator
 B441 Conettix Plug-in Cellular Communicator
 B442 Conettix Plug-in Cellular Communicator
 B443 Conettix Plug-in Cellular Communicator

Technical specifications

Environmental considerations

Temperature (operating)	-30°C to +85°C (-30°F to +185°F)
Enclosure properties	Weather resistant/outdoor

Power requirements

Frequency range	698 - 960 MHz to 1710 - 2700 MHz
Pattern	Omnidirectional
Polarization	Vertical, Linear, Omnidirectional
Impedance	50 Ω

Ordering information

B40-MB25 Multiband Antenna

Provides wide bandwidth and low angle radiation pattern for indoor/outdoor applications. Supports 2G/3G/4G data communication, Domestic (US) LTE 700 band, Global LTE 2600 band, Domestic (US) Cellular, Global GSM, and WiMAX 2300/2500/2600 bands. Includes a 25 ft (7.6 m) cable, and a mounting bracket.

Order number **B40-MB25**

B40-MB50 Multiband Antenna

Provides wide bandwidth and low angle radiation pattern for indoor/outdoor applications. Supports 2G/3G/4G data communication, Domestic (US) LTE 700 band, Global LTE 2600 band, Domestic (US) Cellular, Global GSM, and WiMAX 2300/2500/2600 bands. Includes a 50 ft (15.2 m) cable, and a mounting bracket.

Order number **B40-MB50**

B40-P Disk-Puck Antenna

Omnidirectional, low profile antenna for metallic indoor/outdoor surface mounting. Supports LTE, and 2G/3G/4G data communication. Operates over 698-960 MHz and 1710-2170 MHz bands.

Order number **B40-P**

Represented by:

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
emea.securitysystems@bosch.com
emea.boschsecurity.com

Germany:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Ring 5
85630 Grasbrunn
Germany
www.boschsecurity.com

North America:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
onlinehelp@us.bosch.com
www.boschsecurity.us

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia